



United States
Department of
Agriculture

Forest
Service

Northeastern Area
State & Private
Forestry

180 Canfield Street
Morgantown, WV 26505-3101

File Code: 3400
Date: February 13, 2002

Mr. Steve Cinnamon
USDI National Park Service
Midwest Region
1709 Jackson Street
Omaha, NB 68102-2571

Dear Mr. Cinnamon:

A summary of the 1983-2001 gypsy moth trapping program at Hopewell Cultural National Historical Site is enclosed for your information (Table 1). A map showing trap locations is also enclosed (Figure 1). The purpose of the trapping program is to monitor low-level gypsy moth populations and help determine when more intensive survey methods should be employed.

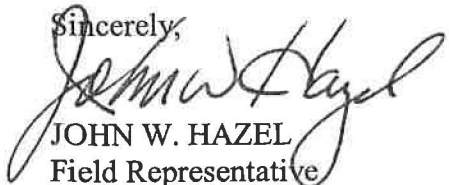
A total of 6 male gypsy moths were trapped at Hopewell Cultural NHP in 2001. This is an insignificant change from last year's total of 7 moths. Based on these results, gypsy moth populations will not have an impact on the forest resources at Hopewell Cultural NHP in the immediate future.

Figure 2 compares the 2000-2001 trapping results from the Slow-the Spread (STS) Program in the vicinity of Hopewell Cultural NHP in Ross County. The STS results show that the number of male moths caught in Ross County increased in 2001. These trap results are consistent with the 2001 Park results. Figure 3 reflects an intensified trapping grid where trap counts are higher to the east of Hopewell Cultural NHP in Great Seal State Park and an area farther east. Please visit the STS website at <http://www.ento.vt.edu/STS/> for more information about the STS program

As in previous years, Hopewell Cultural NHP personnel surveyed for gypsy moth egg masses in the vicinity of each trap site. No egg masses were found. The Park plans to continue conducting these surveys as a mean of early detection. We would like to continue the trapping program at the same intensity in 2002.

Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,


JOHN W. HAZEL
Field Representative
Morgantown Field Office



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Enclosures

cc: Noel Schneeberger, AO
Bill Pound, OHDA
Constance Jones, Hopewell Cultural NHP✓

JWH/KDF/blm

Table 1. -- Summary of the 1983-2001 gypsy moth trapping program at Hopewell Cultural National Historical Park, Midwest Region.

Hopewell Cultural National Historical Park (Rose County, OH)			
Year	Number of traps	Total moths caught	Positive catch trap number
1983	5	0	--
1984	5	0	--
1985	5	1	5
1986	5	0	--
1987	5	0	--
1988	6	0	--
1989	6	0	--
1990	6	0	--
1991	6	0	--
1992	10	0	--
1993	7	1	5
1994	7	0	--
1995	10	0	--
1996	10	1	9
1997	30	0	--
1998	30	3	1-B, 4-B 5-B Hopewell Mound Group
1999	30	20	MC2, MC7, MC8, MC10, MG1-MG7, MG9, EW1, EW7, EW8, EW10
2000	30	7	MC4, MC5, MC8, MC10, MGH, EW9
2001	30	6	--

Figure 1.--2001 gypsy moth trap locations at Hopewell Culture National Historical Park.

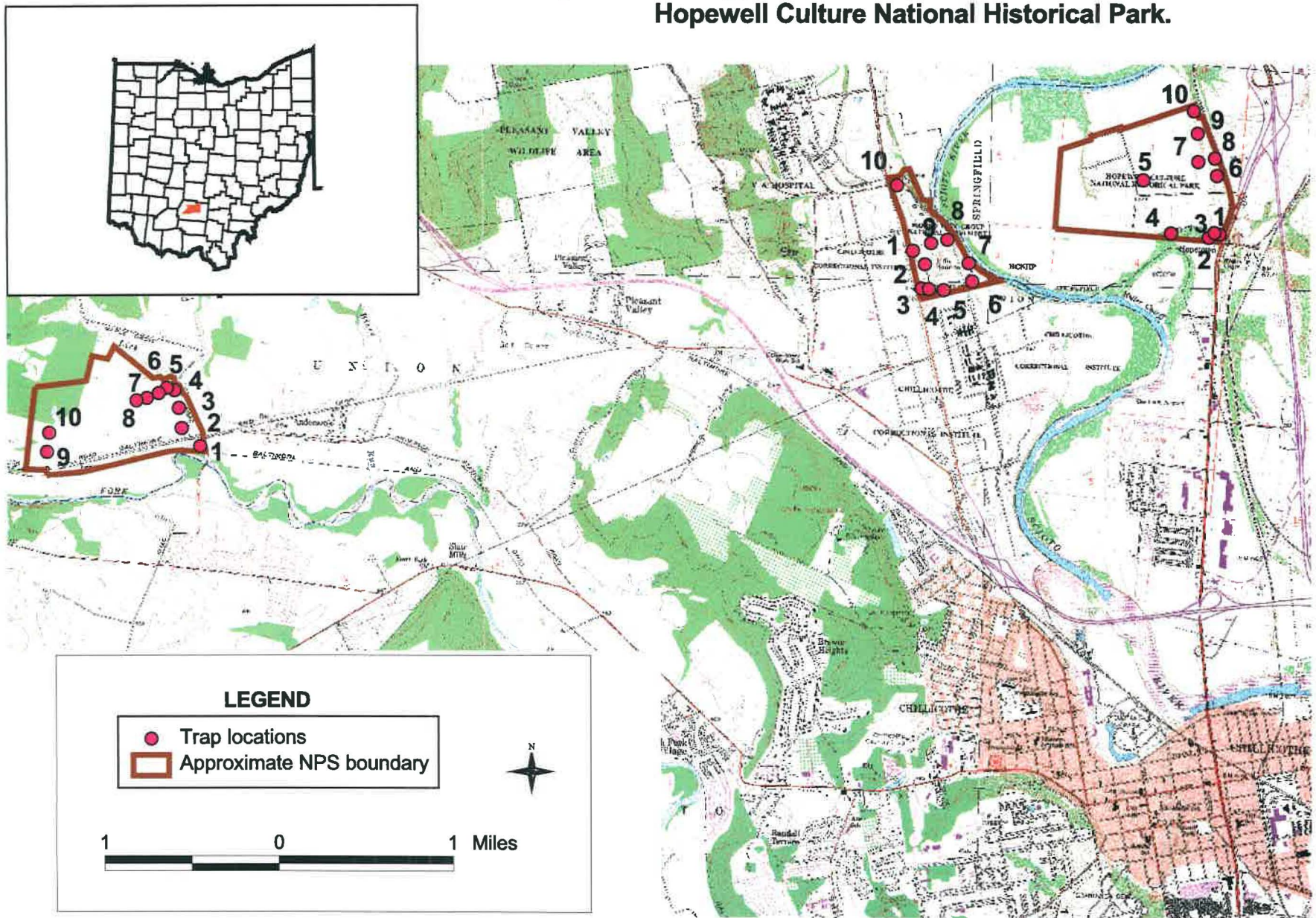
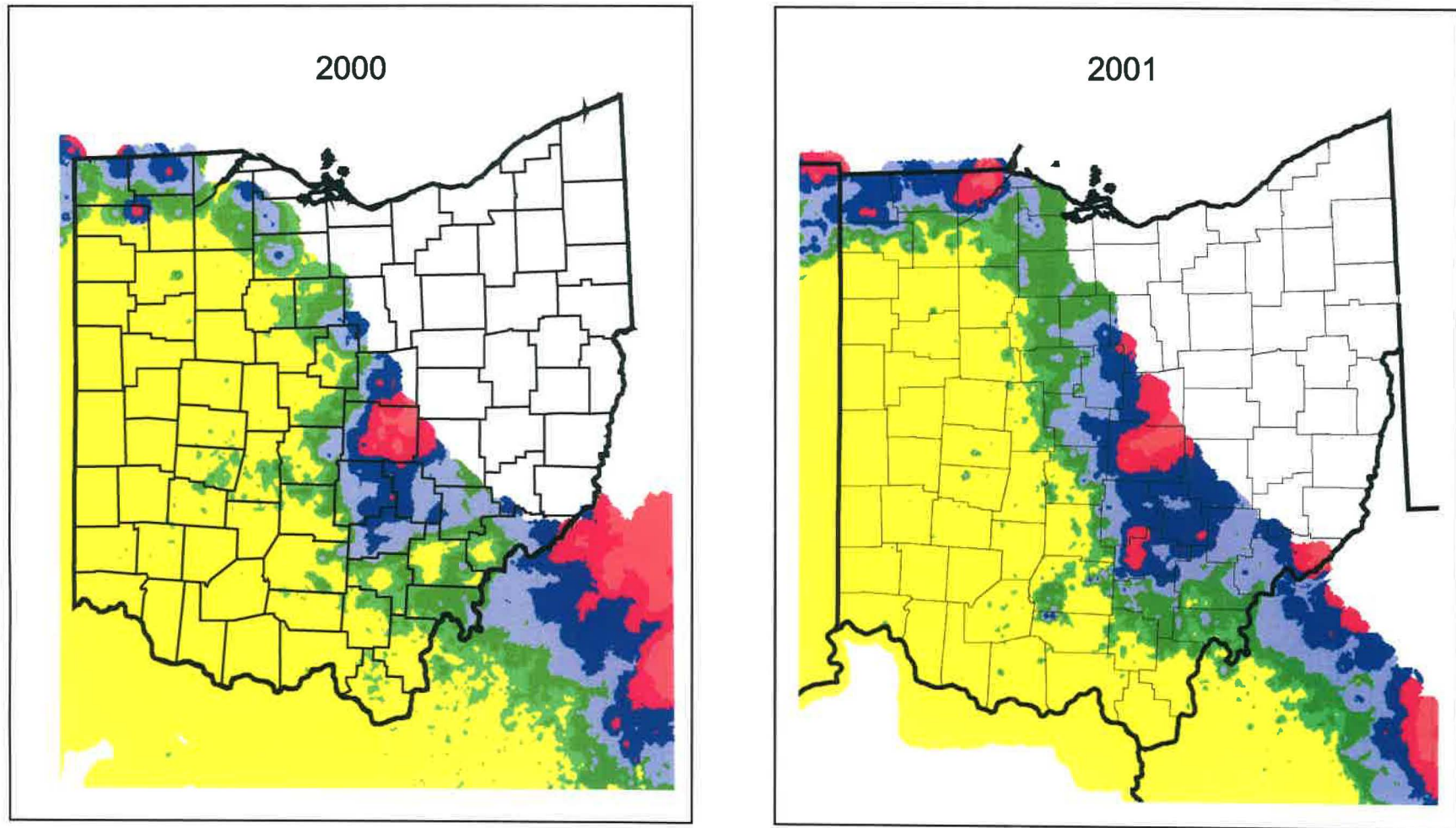


Figure 2.--2000 and 2001 gypsy moth Slow-the-Spread trapping activities showing the change in the gypsy moth distribution in Ohio.



Source:
Virginia Gypsy Moth
Information Systems Lab
Virginia Tech
Blacksburg, VA

<http://www.ento.vt.edu/STS/>

LEGEND

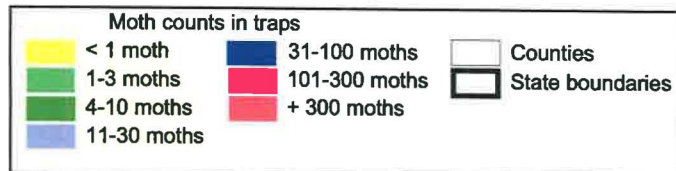


Figure 3.--2001 Slow-the-Spread trapping results in proximity to Hopewell Culture National Historical Park.

